Software Hardware List

Chapter number	Software required (With version)	Download links to the software	OS required
1	Anaconda Package Python 2.x/3.x TensorFlow Keras	https://www.anaconda.com/download/#linux	Ubuntu 16.04 or greater
2	Python package: Tensorflow, Matplotlib		Ubuntu 16.04 or greater
3	gensim,nltk , pandas, seaborn , tensorflow		Ubuntu 16.04 or greater
4	spacy tabulate sklearn rasa_nlu sklearn_crfsuite		Ubuntu 16.04 or greater
5	tensorflow sklearn		Ubuntu 16.04 or greater
6	tensorflow sklearn keras numpy codecs		Ubuntu 16.04 or greater
7	PySoundFile python_speech_features		Ubuntu 16.04 or greater
8	numpy keras numpy matplotlib		Ubuntu 16.04 or greater
9	numpy keras numpy matplotlib opencv-python scipy h5py ImageAI baker imgaug tqdm		Ubuntu 16.04 or greater

10	dlib skimage		Ubuntu 16.04 or greater
11	NA		Ubuntu 16.04 or greater
12	glob keras sklearn scipy numpy		Ubuntu 16.04 or greater
13	numpy matplotlib tqdm keras		Ubuntu 16.04 or greater
14	numpy matplotlib tqdm keras gym tensorflow keras-rl		Ubuntu 16.04 or greater